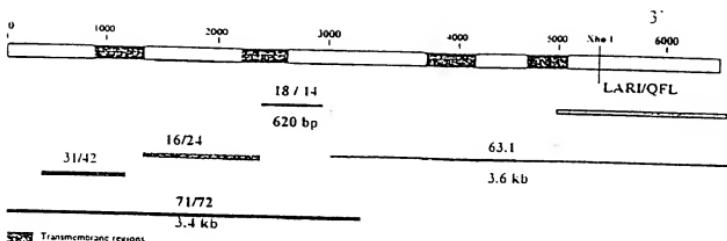


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Figure 1

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Figure 2Rat SNS<sub>2A</sub>- cDNA sequence (kb)

---

1 2 3 4 5Human SNS<sub>2A</sub> sequences

The diagram illustrates the Human SNS<sub>2A</sub> sequences as a series of numbered segments above a horizontal line. The segments are: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, and 17. Segments 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16 are positioned above the line, while segment 17 is positioned below the line.

---

3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

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Figure 3



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Figure 4

1      2      3      4      5      6      7      8      (kb)

-9.5

-7.5

-4.4

-2.4

-1.4

Lane 1	DRG
Lane 2	Spinal cord
Lane 3	Total brain
Lane 4	Adrenal gland
<u>Lane 5</u>	Heart
Lane 6	PC12
Lane 7	PC12 +NGF
Lane 8	RNA Markers (GIBCO 0.24 - .5 kb RNA ladder)

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Figure 5



A



B

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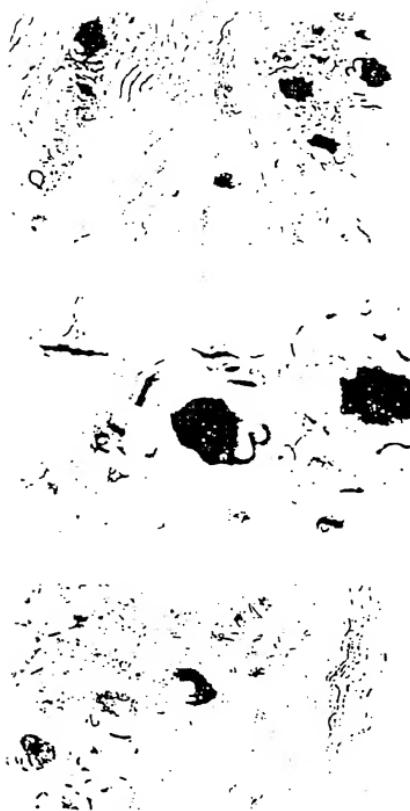
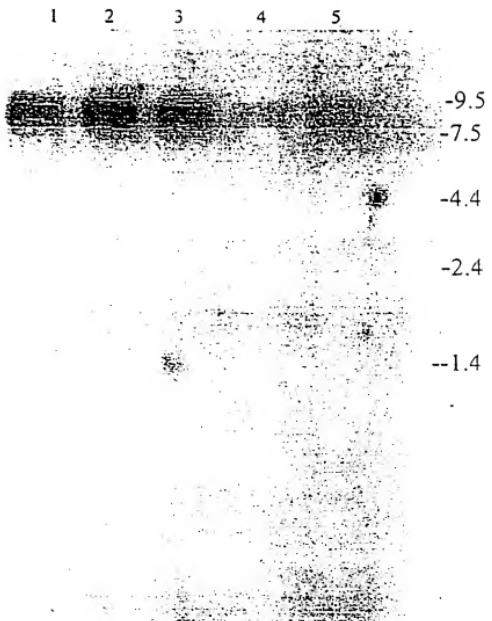


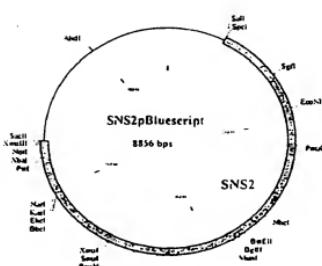
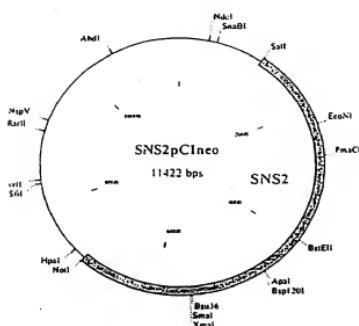
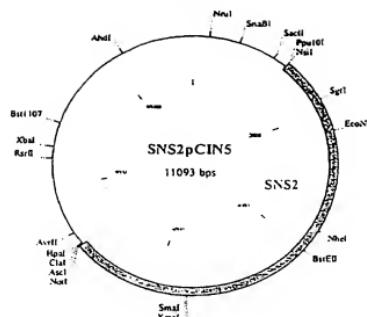
Figure 6

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Figure 7

- Lane 1      Control DRG  
Lane 2      DRG + 24 hours complete freunds adjuvant (CFA)  
Lane 3      DRG + 24 hours sciatic nerve cut  
Lane 4      DRG + 48 hours sciatic nerve cut  
Lane 5      DRG + 7 dys hours sciatic nerve cut

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**Figure 8**

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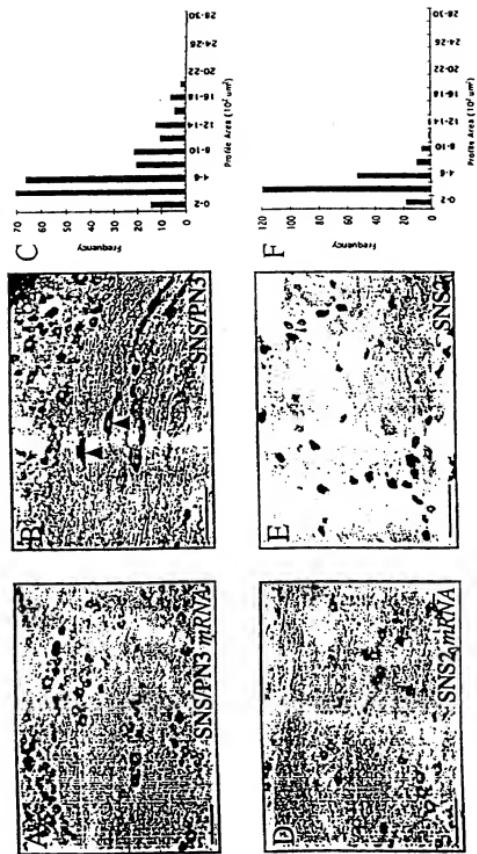
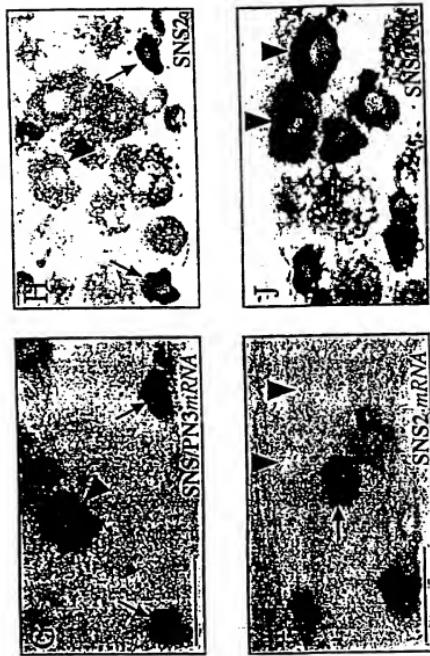
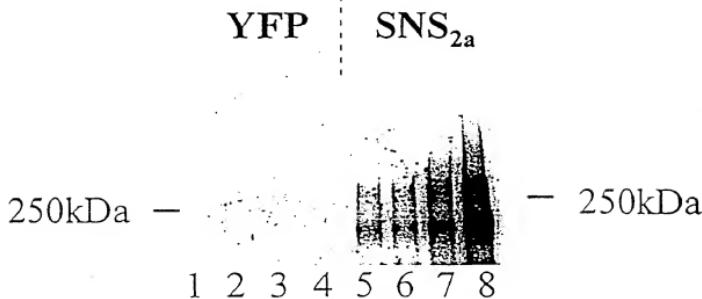


Figure 9

Figure 9 continued



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Figure 10

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Figure 11